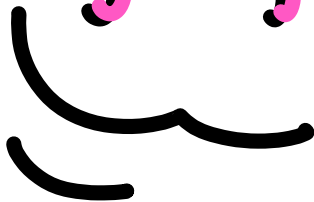


SD

EE2

2023.1

#gabarito das questões  
de  
flip-flop

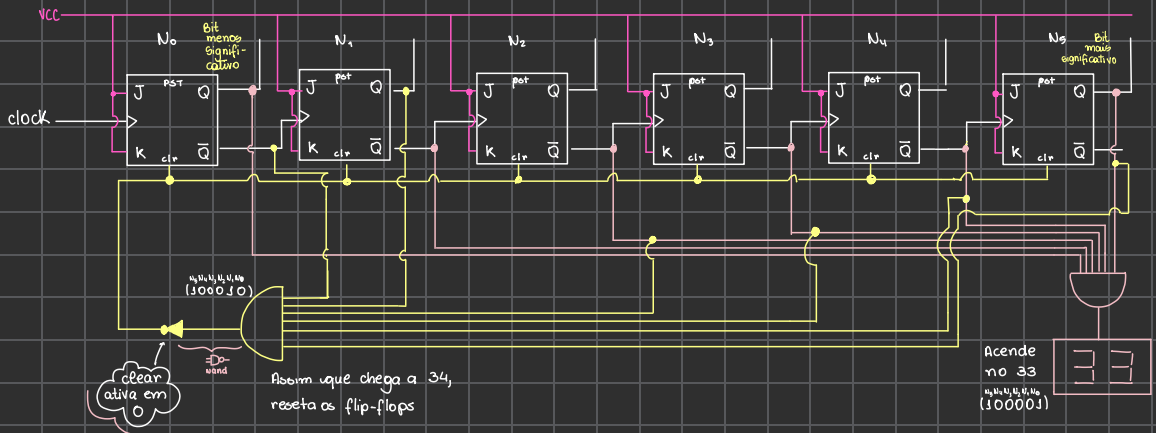


1ª questão)

Queremos um contador até 33 (100001), logo

	(msb)				(lsb)	
	$N_5$	$N_4$	$N_3$	$N_2$	$N_1$	$N_0$
33 =	1	0	0	0	0	1
34 =	1	0	0	0	1	0

- clear
- display



2ª questão

queremos contar quantos pulsos de tamanho específico 2 (2'b10)

diagrama dado :

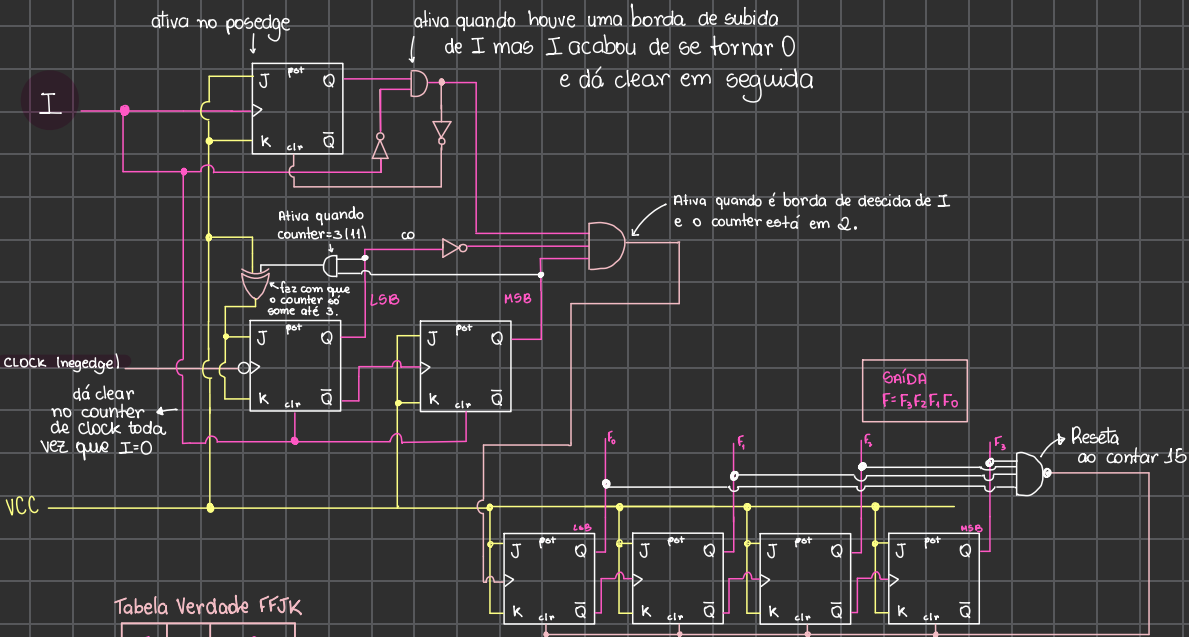
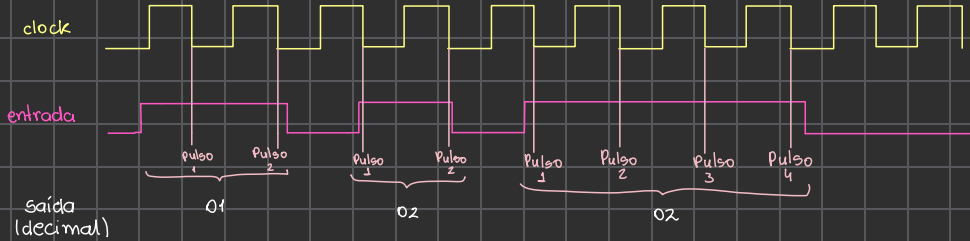


Tabela Verdade FFJK

J	K	Q
0	0	MANTÉM A SAÍDA
0	1	0
1	0	1
1	1	inverte a saída